THERMOPLASTIC RESIN PELLET AND POLYESTER MOLDING PREPARED THEREFROM

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Abstract of **JP10316765**

PROBLEM TO BE SOLVED: To obtain thermoplastic resin pellets which forms a reduced amt. of a cyclic oligomer when molten by using a thermoplastic resin containing a phosphoric-acid-derived-hydroxyl-containing P compound selected among a phosphoric acid comprising a P atom having a specified oxidation number, a phosphate or a phosphoric ester. SOLUTION: 2-10 wt.% phosphoric-acid-derived hydroxylcontaining P compound selected among a phosphoric acid, a phosphate and a phosphoric ester is added to a thermoplastic resin having an intrinsic viscosity of 0.5-2.0, and the mixture is melt-kneaded to prepare master pellets. Next, the master pellets are mixed with a thermoplastic pellets in a specified ratio, and the mixture is extruded at 250-270 deg.C and stretched at a draw ratio of 1.5-3.5 and a temperature of 80-110 deg.C to obtain a molding. The phosphorus compound comprises a P atom with an oxidation number of V and is a compound selected among orthophosphoric acid, metaphosphoric acid, polymetaphosphoric acid, polyphosphoric acid and salts and esters thereof and has phosphoric-acid-derived hydroxyl groups.